NEW DISCOVERIES

Why SIGNS That MOVE and FLASH Are GOOD FOR US

By WILLIAM LEE HOWARD, M. D.

LL physical movements of our own or the stimulation due to watching the rhythmic motion of others and objects flashing before the eyes, cause an engorgement, that is to say, a congestion of certain blood vessels. Especially is this seen in the brain and internal organs. Whether we are tangoing or witnessing the moving colors of a musical chorus or opera ballet, we are in a state of pleasurable concentration and

All states of well being are accompanied by an increase of power. This power is extraordinarily increased where the blood vessels are engorged. Fere, the great French scientist, has shown that to watch a colored disk when in motion produced stronger contractions than when the same disk was motionless.

In the same manner a state of hypnosis can be induced due to the intense concentration. If in this state strong suggestions are made that the hypnotized person will see ever before his gaze a certain color or set of words, that he will have recorded upon his memory certain facts, the height of advertising by suggestion will have

All successful advertising is pure suggestion-an im-

How ADVERTISING DISPLAYS Make the BLOOD FLOW FASTER and STIMULATE pression made upon the mind while—opens and shots his gorgeous spreador (all attracts and it is concentrated upon certain facts—attenuates his mate. The bright, varied, scintillating (all **OUR BRAINS**

crowds pass every minute. But we have discovered something new-something man-made. Nature has always used this method of advertising her wares and in details surpasses man.

ored advertisement is the peacock's tall. This magnificient bird when he



"The tango advertises a dancer's grace and makes you eager to

or words, and in order to get this . of the peacesk is a flashing sign of far more delicate deconcentration some kind of flashing tall than any made by man, it is a nersonal, flashing lights and colors are used where sign of good health and vigor which he wishes to ad-

must not flatter ourselves that we So is the spreading tail of the grouse as it darks here and there, held tilth by the dancing mate in order to advertise the fact that he will take a pariner into his life and business;

A night effective flash signal and advertising sign is the tail of the deer. This tail at rest is the same red or ton color as the cost of the animal, but underneath it is showy white. This gill tening portion is used for two distinct advertising purposes of directly opposite natures

Whom the doe and fawn are feeding the buck will

which the doc and fawh are feeding the buck will stand on a clight on mence watching for enemies. When he sights a man or four-fooded one my up goes the flashing, wigwashing withe sign. It is immediately seen and off go the mother and fawn. The buck will lean and run, tall up, flashing against the son, and it can be seen at a great distance by other door. It advertises danger. When the buck whiles to advertise his personal nervering to and for so its glidering hates are seen.
There thanking signs of the animals not been their kind last as a streat sign does upon a human belog.
They send a runh of blood to the vessely of the brain



"The magnificent tail with which the peacock calls his mate is the best example in nature of the colored flashing advertisement."

is a moving one, colored and flashing, the extra blood sent to the brain vessels causes a feeling of well being which chances the memory cells, and, of course. menory. From this condition arises curiosity. It is curiosity that makes the world progress. It is this state mind that causes scientists, historians, all scholars, to

try and attract the public's attention on the Great White Ways by moving signs, electric devices and colored lights have a real psychological basis, and however new .

to man are as ancient as life itself.

Dancing was originally a form of advertising personal fitness to maje in both man and animals. It is directly a cause of excitation. This produces a state of exhiliration, especially when it is free, tumultous and abandoned. All forms of animal dances, tangers and limbfree gyrations, originally sprang from orgies and rites anticipating naptials. They are of this form and purfrom the spider to the elephant. These movements produce a bruin and body engargement of blood vessels causing a feeling of well being and vigor.

So the reasons for flashing signs, the reason for the tango craze and other animalistic gyrations, are fundamentally the same—to cause a state of concentration; one upon the thing advertised, the other on the dancer's grage. You remember both with extreme pleasure grade. You remember both with extreme pleasure and buy the goods which the sign advertised or again seek the partner whose dancing pleased you.

A NEW and EASIER Way to SWIM

A So swim and to float is more spire water. The superior weight swimming stroke, the breast stroke, casily learned than dancing relativel of your head to your body more easily than any one. It reThe difficulty is that when has a tendency to press down upon quires even good athletes three years
the average adult feels a speach of your body, to force both head and to learn this stroke. water in his face he files into a trunk beneath the waves. If, how- This stroke begins with a prayer-

will hold you up.

for this very reason. Its nose is like downward and the arms do not come the vent pipe of a submarine. It back farther than on a line with the sticks so far up out of the water that the "dog raddle" efforts of its untrained paws carr, it wherever it cares to go in the water. Dogs, therefore, take to water as a duck discretely the safest, fastest and best swimtung stroke is one of recent invention. It is an improved crawling therefore, take to water as a duck discretely of this were not first modification of this were not

Nothing that swims, however, not used at all. Progress and speed even the duck, hus any advantage were wholly made by the arms, just over children under ten. At this age as is the case when a baby crawls.

panic. Water is so strange to most ever, you keep your mouth shut and ful attitude of the hands. These are humans that they gasp, splutter avoid breathing in any water you shot forward and "kicked away" at and suck or breathe it in and drown.

It is physically impossible to will hold you up palms no longer meet. Those who palms no longer meet. Those who A dog learns to swim intuitively stick to this stroke face the palms

stroke. The legs and feet in the first modification of this were not

a child's head, unlike an adult's. But the newly invented crawl tends to bob around and fleat in strokes obtain considerable power such wise that the face points from the ankles and legs. The crawl heavenward. At eleven and twelve strokes are far the easiest and most and cannot be bent so far backward. The head is more or less under E. J. Brunner, the authority on swimming, says that children and horseback riders learn the popular to roll with the body and never held to roll with the body and roll with t but least useful and most difficult forcibly in one position.

EW golf players realize that under cer-ball in the clubhouse. To settle tain conditions the ball which they fold ment as to its low over the links may become as dan-rubber bandaging which lies beneath.

All went well until the inner liquid. gerous as a small-sized dynamite bomb. Only a few weeks ago a well-known English player narrowly missed the loss of his sight through the explosion of a ball which hurled with terrific force into his face and eyes a quantity of powerful aikali that burned the flesh like that it was scattered all over the walls, floor

CCORDING to a very old superstition

of a mole betokens an unfortunate (from the worldly point of view) marriage.

Moles on the right cheek or arm, in combi-nation with one or more on the left hand, point to more good fortune in love affairs

than in money matters. A mole at the corner of the right eye predicts a rich and indulgent

What MOLES Are Said to MEAN

body on which it appears. Thus a mole on the right cheek is said to signify happiness in love affairs, while one on the right cheek promises an early marriage.

A mole on the chin, if it he light yellow in color, shows a woman to be a good housewife. If brown in color, it portends a rappy marriage life, but possibly troublesome children.

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every mole possesses a special signin-cance, depending on the part of the A mole on the chin, if it be light yellow in

all her admirers.

tain conditions the ball which they fol-

witriol.

The victim of this unusual accident was discussing the merits of a certain make of large quantity of the liquid full in the fact.

A mole at the right side of the chin shows

A sure sign of wealth, present or future, is

links the rubber h contains is still of considerable value. As this Englishman's experience

him. For weeks his sight was despaired of, but now, thanks to the best of surgical treatment he is able to see again. He will, however, carry scars to his grave as a reminder that some golf talls are extremely dangerous things to try to disect.

The pressure exists only so long as the light of the contents of the contents all the possibilities of a homb.

The pressure exists only so long as the light. Ings to try to dissect.

The possibility of a golf ball behaving in a surprising way is not generally known. I is a matter against which the public ball be warned. After a ball becomes so with great force.

The pressure exists only so long as the liquid core is held light in its tense rubber banding. If at this stage the core is punctured in any way its contents will be ejected with great force.

line substance more powerful than ordinary saft or potash soap. It acts as a corresive shows, however, attempts to recover this ma-terial from a distanced ball are liable to prove and is easily capable of damaging the sensi-disastrous unless the greatest cluster is used. In much the same way as free caustic alkalt terial from a distanced ball are liable to prove and is easily capable of damaging the sensi-tive tissues of the eye beyond hope of repair.

sumptive's diet should include substances rich ter is well known. But in advocating their use of the advice of some physicians with their use times of the source of the source of the source of the physicians. to have a mole at the right-hand corner of one's mouth. On the other hand, a mole at the left-hand corner of the mouth is a warn.

merly given, a moderate amount is now thought all that is necessary, and even so, it should not be the principal part of the diet. Ment, unless mixed with other substances, enuses emacration, and, moreover,

be strictly excluded.

longer considered indispensable; in fact, not even useful in the majority of cases. It should be given only

out in the case of eggs, the tendency has been to abuse the quantity. Today the drinking of it during meals is considered injurious, since it overfills the stomach, thus retarding and interfering with digestion. Vegetables should constitute an important part of

but also in this instance, as has already been pointed

the diet, since they are less toxic than meats. But the principal reason why they should be given is that in tuberculosis there is a decided elimination of the phosphates, which causes the anemia. Vegetables, because of their containing phosphorous and iron in goodly quantitles and in a state that is assimilable, can counteract the bad results following this elimination. They also contain saits of lime and magnesia, which are of great benefit to tubercular organs.

Peas, beans and lentils contain, according to Pro-

How We Got Those FUNNY LITTLE DACHSHUNDS HE dachshund, or German badger dog, he has always enjoyed the favor of persons of ever, is not generally considered well founded

which is so popular with the bench show high degree. the longest pedigreed breeds or varieties of domesticated dogs in existence. From the year French revolution, when the French refugees or 2,660 B C. when, as ancient inscriptions show, emigrants took the French Jacksbunds with he was the pet of Dhotmes III., ruler of Egypt, them to their new homes. That contention, how-

VERY automobile should be equipped with

minimum of noise is desirable; the other, a loud,

shrill sound for use in the country, where it is

This is the advice given by Professor Fran-

cols Maragi, a distinguished French scientist

who has just completed a practical study of the

necessary to carry the note of warning far.

two horns. One should have a low, agreeable sound for use in the city where a

Why AUTOS NEED

exhibitors just now, is no mere fad of The dachshund is now looked upon as a disthe moment. As a matter of fact, he is one of linetly German breed. It is said that there were ao dachshunds in the Fatherland until after the

countries have lately passed ordinances prohib-

iting the use of the siren, which, while very ef-

the nerves of everybody within earshot

fective as a warning, is extremely annoying to

In order to decide what kind of a horn an

automobile should use, Professor Maragi executed pieces of music upon various ancien; and

modern instruments before an audience of per-

sons chosen from many different walks in life.

The general result was that high-pirched sounds produced a more disagreeable impres-

The dachshund is considered to be the national dog of Germany. He is what the buildog is borzel to the Russian and the Boston terrier to the American. The rough dacheaund is perhaps more a native of the south, and there may be The rough duclimand is perhaps cross of the old spaniels of Hungary and Transvivanta in his make up-

To the deg fancier the legs are among the more important parts of the dachshund. They should come down from the bos, which I broad and massive, slope well toward one ar other till the ankle joints nearly touch, the chest dropping down to the ankles." writer remarks that the fore feet should be "an inch from the chest," turn away from one another and spread out. A dog, however, with only an inch between chest and feet would have great difficulty in travelling as a working dog, and it is a difficult matter to breed a nachs hand perfectly sound in his front and possessing a perfect crock

Hunting and locating the badger is the acknowledged task of the dachshoul. By the use of his good voice and persistent ways he has always been found a most useful dog for those purposes. The dachshund is a keen-nosed and sensible dog.

cause a toxemia, a complication which has a bad effect on the tuberculous. Hence, the quantity of meat should never be large or dominate all other food stuffs. Ham and chicken, and kidneys, lungs and liver, all of which contain cholesterin, should be included in

the diet. Liver, especially, will be found to be of great service on account of its opotherapeutic qualities. Game, pork, meat extracts and meats put up in tins, should Raw meat, contrary to what has been thought, is no

eccasionally, and when poorly tolerated some other substance should not be included, since they may be difficult to digest. On the other hand, fish oil, roc, milt, by reason of their composition, rank high as factors in the diet for the tuberculous.

Peas, beans and lenths contain, according to Prospective description of the some other and festion of the substance should not be included, since they may be difficult to digest. On the other hand, fish oil, roc, milt, by reason of their composition, rank high as factors in the diet for the tuberculous.

The utility of milk has been known for some time, mended.

What Uncle Sam Does

That is known as chewing the haps imitation, is an important fac- cases was the child up to its proper cud consists in forcing a

cliew the cud, and on this account are known as ruminants. Meryelsm, which is the scientific term for cud chewing, is occasionally found among

For some reason which is not yet clear, men seem to be more prone to cud chewing than women, except during infancy. The habit is generally adopted be-

tween the ages of five and fifteen, and it appears that heredity, or per-

tor in its occurrence. It is not evi- weight. portion of the food contents of the stomach back to the mouth where they are chewed over again at lefsure.

Cows and other animals habitually cliew the cud, and on this account dence of feeble-mindedness or idlocy,

chronic indigestion and other trou-

To cure a child of this harmful

food— ice cream, for example.

There is no doubt that in infants the habit is a bad one, leading to grown man or woman is often the result of conditions similar to those bles. In none of the twelve recorded which produce vomiting.

effects produced by different kinds of noise with sion on the ears than those of low pitch. special reference to automobile horns. He was this is why the professor recommends that lowed to undertake his investigations by the fact pitched horns be used on automobiles when that many towns in France and other European

How MUSIC HELPS dyspeptic?

sician. There are complications to be organs.

One danger lies in the sensual obsorption of the wrong kind of music. For instance, a predominance of too much brass in an orchestra has a ichdency to aggravate the condition of tired nerves or an ailing stomach.

The rhythm in music is said to be most important factor in the cure. t acts directly on the motive powers by developing new energy or awak-

ening latent energy. Dr. Cabanes cites as an example the music treatment given by the ate Dr. Recamier, celebrated for his success in curing dyspepsia. He or the Place Vendome to wait for the drummer boys who head the 2.

the proper functions of the digestive of the musical instruments."

It is well known that certain kinds is equally influenced.

peared the patients were told to leate young sirl is capable of dance "goese field" on their skin they do listening to good music. The emo-

RE you a neurasthenic or a troops. When the drummers ap- of the good effect of rhythm A del- one exclaims that some pieces make onter into a state of vibration while

Then take the new music march with them to the barracks, ing half the night without tatique not know that the cause is the con- tion produced brings a strange agicure which is prescribed by Dr. keeping step with the music. This because her motive regions are ex- traction of the minuscule muscles, tation in the circulation of the blood Cabanes, the well-known French phy- was to get the rhythm to stimulate cited by the rhythmical vibrations. But it is not the muscles alone that and my arteries throb with violence. are excited by vibrations-the pulse. It is for me the best of stimulants." . The proper selection of music is avoided in this seemingly simple "Every day," says Dr. Cabanes, of music provokes muscular contract Review, the composer, once wrote most important, for some melodies retard it. Again as music starts up the circulation it also makes respi-

ration more frequent, although more superficial and less profound. The glands of the stomach are healthily excited, so that food is more readily digested, and it is this fact which makes music so beneficial to dyspep-

In the treatment of consumption, however, musle is something to be avoided or used with the greatest caution. With the great majority of sufferers from tuberculosis it has a tendency to run the temperature up inst as the reading of an exciting novel or letter writing often will.

Uncle Sam Spends Most of Every Dollar He Gets.

with YOUR MONEY ernment's accounts are kept in a far less intelligible way than that of any great private business enterprise, it is possible with a little effort to analyze them enough to ascertain just what Uncle Sam does with every dollar that he receives. Such an analysis brings to light many facts which are likely to surprise even those who think themselves familiar with the Govern-

ment's expenditures.
For example, we pride ourselves on being a peace-loving nation and laugh at the folly of Europe's enormous armies and navies. spend more in preparation for war than for any other one thing. Out of every dollar Uncle Sam receives 63 cents goes to maintain the army and navy.

The next largest expense-5 cents out of every dollar-is for rivers and harbors. The Panama Canal costs 3 cents; agriculture, fisheries and forestry, 4 cents; the Indians, 112 cents, and Congress, 1 cent. The remainder of every dollar goes meet miscellaneous expenses and to maintain a surplus in the Treasury

remedy, as the doctor points out. "you have under your eyes evidence tion just as intense cold does. When a friend: "All my being seems to accelerate the pulse, while others Why Our TEETH

Tf is a curious thing, is it not, that bright children of eating candy, so that a child may actually thwart { the case in every city, but it is true in Boston, accord- Cooke declared that savares have little trouble with ing to a report recently made by Dr. William P. Cooke their teeth because their food is hard. Among civilized at the Harvard Medical School.

the Boston schools if they are physically defective, and enough exercise for the teeth, that a great deal of the physical defectiveness which. There is a basis of good philosophy for the dislike of interferes with their promotion is due to diseased firmers and saflors for solt food, and their demand for teeth. Of 121.369 defects recently noted in school chil- lough meats and other substances that they can "lay dren, 108,984 came from their teeth.

He also says that most of this trouble is the result teeth.

should fail of promotion in the public schools be- his educational hopes by means of the caudy habit. cause they have deficient teeth? That may not be Also, one of the causes of had teeth is soft food. Dr.

peoples, however, 98 per cent have decayed teeth be-Dr. Cooke says that children are not promoted in cause the food of civilization is soft and does not afford

their jaws to " They know the value of exercise for the

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